





# Sujay Kumar

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## Summary

Dynamic Computer Science student with expertise in MERN Stack and DevOps, delivering innovative web solutions. Proficient in crafting responsive, high-performance websites and mastering Go for scalable, robust backend systems. Passionate about driving technological advancements and optimizing user experiences.

## Education

<b>KIIT University</b> <i>B.Tech, Computer Science and Engineering</i>	Bhubaneswar, Odisha <i>Expected Sep 2026, CGPA: 8.11/10</i>
<b>St. Joseph School</b> <i>12th Grade (ISC)</i>	Bhagalpur, Bihar <i>Jun 2022, 77.8%</i>
<b>Mount Assisi School</b> <i>10th Grade (ICSE)</i>	Bhagalpur, Bihar <i>Jun 2020, 85.17%</i>




## Skills

**Programming Languages:** C, Java, JavaScript, TypeScript, Python, Go  
**Web Technologies:** HTML5, CSS3, Tailwind CSS, React.js, Next.js, Node.js, Express.js, RESTful APIs  
**Databases & Tools:** MongoDB, PostgreSQL, Firebase, Supabase, Prisma ORM, Postman  
**DevOps & Cloud:** Git, GitHub, GitHub Actions, Google Cloud Platform, Cloudflare, Docker, AWS - EC2

## Professional Experience

<b>IIT Kharagpur   Research Collaborator</b>	2025 – Present
<ul style="list-style-type: none"><li>Collaborated with PhD students in Humanities and Economics to develop a proxy index for measuring renewable energy market trends.</li><li>Utilized generative AI to create signaling keywords, integrated into a data pipeline for scraping the Scopus database, saved results to Excel, and visualized market trends.</li></ul>	
<b>KIIT E-Cell   Full Stack Developer</b>	Sep 2024 – Present
<ul style="list-style-type: none"><li>Engineered a MERN Stack course dashboard, streamlining onboarding processes and enhancing user engagement.</li><li>Integrated Google Sheets API for real-time leaderboard automation, reducing manual updates.</li><li>Optimized application performance, reducing load times to deliver a seamless user experience.</li></ul>	
<b>AGT Pvt Ltd   Full Stack Developer</b>	Dec 2024 – April 2025
<ul style="list-style-type: none"><li>Developed responsive UI components for photonBoxx, improving mobile responsiveness. <a href="#">Contribution Link</a></li><li>Resolved critical UI bugs, boosting application uptime and enhancing user satisfaction.</li><li>Streamlined CRUD operations for HobbyCue admin routes, increasing backend efficiency. <a href="#">Contribution Link</a></li></ul>	

## Key Projects

<b>E-Cell Cohort    MERN Stack, Real-Time Web App</b>	2024
<ul style="list-style-type: none"><li>Developed a full-featured MERN Stack platform with real-time updates, improving user engagement at KIIT E-Cell.</li><li>Automated leaderboard system, reducing administrative overhead and enhancing operational efficiency.</li></ul>	
<b>AlignResume    MERN Stack, AI-Powered Resume Tool</b>	2024
<ul style="list-style-type: none"><li>Built a platform for students to upload resumes, gain insights, and interact via a bot for resume analysis against job descriptions.</li><li>Implemented features for generating cover letters and partially automating job application processes, enhancing user efficiency.</li></ul>	
<b>ToDoAgent    MERN Stack, Productivity Tool</b>	2023
<ul style="list-style-type: none"><li>Built a prompt-based task management tool, improving team productivity through streamlined workflows.</li><li>Deployed on Render with scalable architecture, ensuring high uptime and reliable performance.</li></ul>	

## Extracurricular Achievements

<b>National Basketball Player   Competitive Athlete</b>	2018 – Present
<ul style="list-style-type: none"><li>Represented state and college in national basketball tournaments, demonstrating leadership and teamwork under pressure.</li></ul>	
<b>Smart India Hackathon 2024   National-Level Competitor</b>	2024
<ul style="list-style-type: none"><li>Secured Top 50 position among college teams, showcasing problem-solving and collaborative innovation.</li></ul>	